



NATIONAL  
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STATISTICS  
SERVICE

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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

LELAND E. BROWN, Director

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**AGRICULTURAL NEWS:** Below normal temperatures and above normal rainfall continued for a second straight week for the Commonwealth. Farmers reported that excessive moisture hampered fieldwork, and damaged crops in some areas. **Topsoil moisture** was rated 1 percent short, 49 percent adequate, and 50 percent surplus, as of Friday, September 29. **Subsoil moisture** was rated 1 percent very short, 5 percent short, 63 percent adequate, and 31 percent surplus. Days suitable for fieldwork averaged 3.0 out of a possible 7 days.

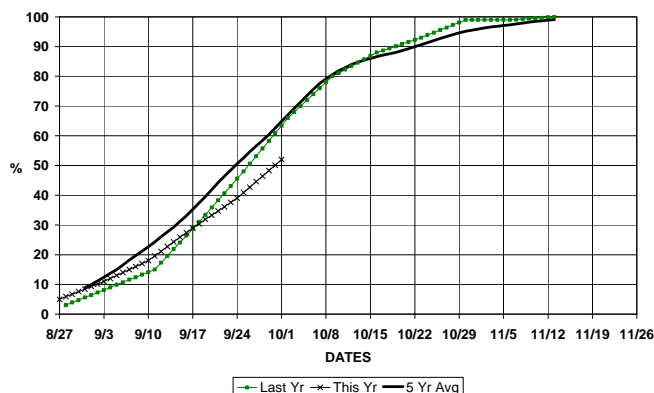
**TOBACCO:** Farmers reported a slow down in harvesting due to excessive rain, and some farmers reported a shortage of labor as a contributing factor. By Sunday, October 1, 90 percent of the burley tobacco crop had been cut, behind the previous year's 93 percent and the average of 94 percent. As of Sunday, October 1, two percent of burley tobacco was stripped, 14 percent was ready to be stripped, and 84 percent was still curing or uncut. One percent of the housed tobacco was rated very poor, with 6 percent poor, 23 percent fair, 55 percent good, and 15 percent excellent. Ninety percent of the dark tobacco was cut, behind 94 percent for the previous year and 95 percent for the average.

**CORN:** Ninety-six percent of the corn had matured, behind 97 percent for last year and equal to the 5-year average. Harvested acreage was at 52 percent, behind 63 percent for the previous year and 65 percent for the average.

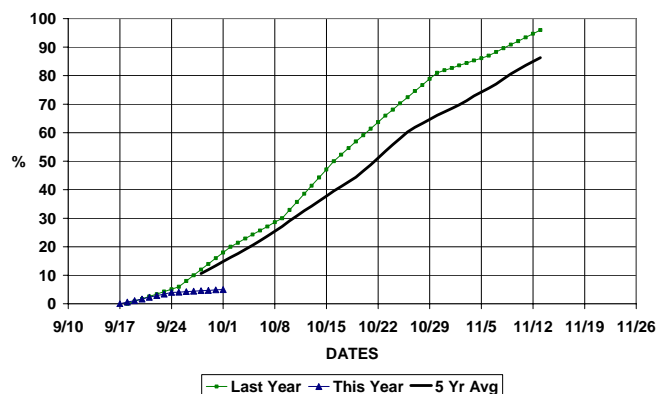
**SOYBEANS:** Soybean condition was 2 percent poor, 14 percent fair, 48 percent good, and 36 percent excellent. Seventy-three percent has dropped leaves, behind 75 percent a year ago and 78 percent on average. Forty-two percent of soybeans had matured, behind 57 percent for the previous year and 67 percent for the average. Harvested acreage was at 5 percent, behind 18 percent the previous year and 15 percent for the average. Seventy-eight percent of the soybean crop was reported safe from frost. Excessive rainfall continued to be a problem for the corn and soybean fieldwork.

**OTHER CROPS:** As of Sunday, October 1, only five percent of winter wheat had been planted due to wet field conditions, behind the previous year's 12 percent and the 5-year average of 8 percent. On Friday, September 29, pastures were rated 3 percent poor, 19 percent fair, 57 percent good, and 21 percent excellent.

CORN HARVESTED PROGRESS



SOYBEANS HARVESTED PROGRESS



# KENTUCKY CROP PROGRESS

WEEK ENDING OCTOBER 1, 2006

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	73	75	78	45	70
Mature	42	57	67	19	NA
Harvested	5	18	15	4	9
Corn					
Mature	96	97	96	87	75
Harvested	52	63	65	39	13
Winter Wheat					
Seeded	5	12	8	NA	36
Burley Tobacco					
Cut	90	93	94	80	NA
Dark Tobacco					
Cut	90	94	95	66	NA

(NA)Data Not Available.

# SOIL MOISTURE

WEEK ENDING SEPTEMBER 29, 2006

WITH COMPARISONS

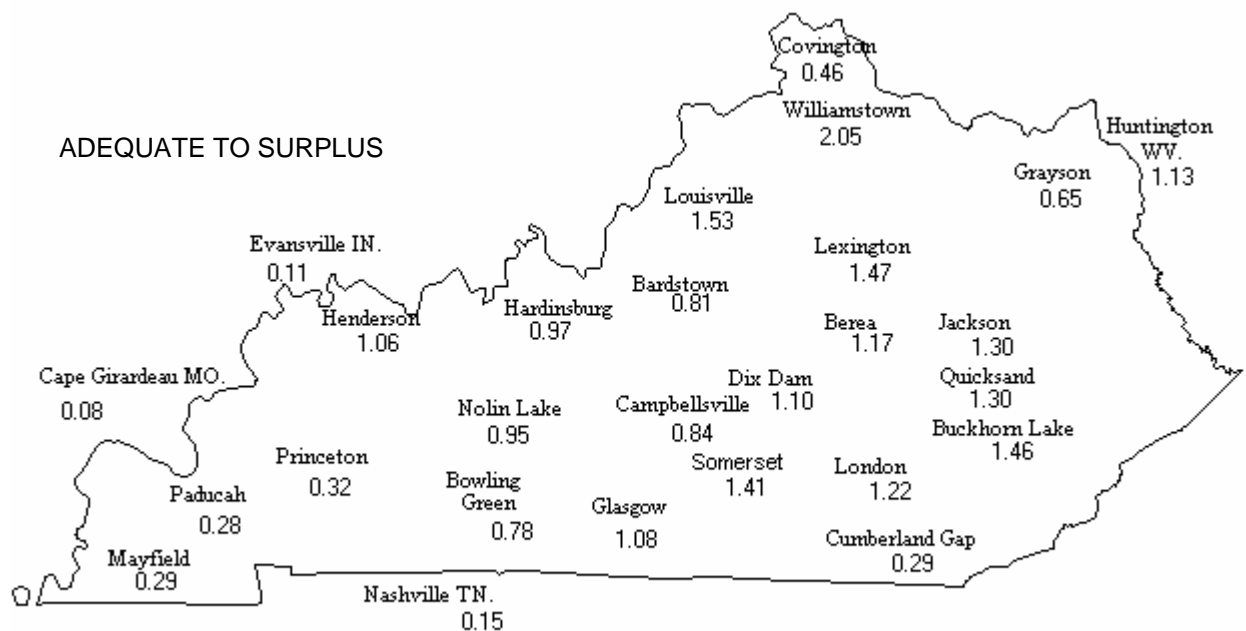
	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	0	0
Short	1	6
Adequate	49	61
Surplus	50	33
<b>SUBSOIL</b>		
Very Short	1	2
Short	5	14
Adequate	63	59
Surplus	31	25

# KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING SEPTEMBER 29, 2006						WEEK ENDING SEPTEMBER 22, 2006				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Soybeans	0	2	14	48	36	1	3	15	48	33
Pasture	0	3	19	57	21	0	4	27	55	14
Housed Tobacco	1	6	23	55	15	2	4	20	61	13

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 1, 7:00 P.M.

TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 29, 2006



ADEQUATE TO SURPLUS

## **KENTUCKY WEATHER SUMMARY, SEPTEMBER 25 – OCTOBER 1, 2006:**

### **Below Normal Temperatures and Above Normal Rainfall**

The trend of below normal temperatures and above normal rainfall continued for the second straight week for the Commonwealth. The workweek started out with mild temperatures as high pressure dominated over the Ohio River Valley. By Wednesday high pressure began to break down and a cold front swept through the region, bringing showers to the State. Behind the mid-week cold front, high pressure built in for Friday and brought cool temperatures from Canada. The weekend saw the high slide to the east and another cold front brought showers into Central and Eastern Kentucky.

Temperatures for the period averaged 61 degrees across the State which was 3 degrees below normal and 2 degrees below the previous week's average. High temperatures averaged from 74 in the West to 70 in the East. Departure from normal high temperatures ranged from 3 degrees below normal in the West to 4 degrees below normal in the East. Low temperatures averaged from 49 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from 5 degrees below normal in the West to 2 degrees below normal in the East. Extreme temperatures ranged from a maximum in the low 80s to a minimum in the upper 30s.

Precipitation (liq. equ.) for the period totaled 0.90 inches statewide which was 0.11 inches above normal. Precipitation totals by climate division, West 0.36 inches, Central 0.97 inches, Bluegrass 1.30 inches and East 0.95 inches, which was -0.44, +0.15, +0.55 and +0.18 inches respectively from normal. By station, precipitation totals ranged from a low of 0.08 inches at Cape Girardeau to a high of 2.04 inches at Williamstown.

Tom Priddy

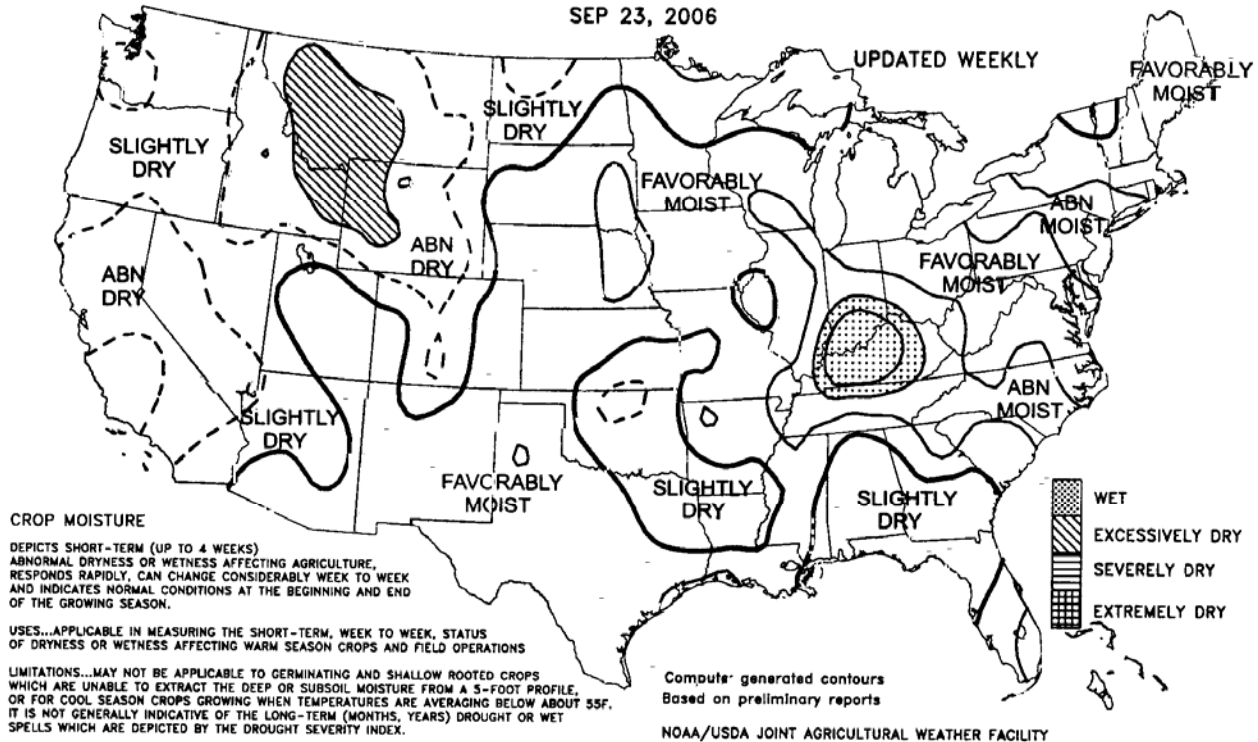
### **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, OCTOBER 1, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	HighLow		Wkly Avg.	Dev. From Norm	Average	
										High	Low
	(Inches)					(Degrees Fahrenheit)					
Bardstown	0.81	26.03	8.41	+1.81	+5.45	78	39	60.6	-3	92	46
Berea	1.17	25.94	7.02	+0.42	+3.33	76	41	59.5	-3	87	48
Bowling Green	0.78	26.85	6.78	+1.35	+3.33	82	43	62.9	-1	--	--
Bristol	0.91	24.34	4.68	+2.77	+1.66	73	40	58.8	-4	--	--
Buckhorn Lake	1.46	22.93	5.81	-1.32	+2.43	76	41	60.1	-3	--	--
Cape Girardeau	0.08	26.50	4.53	+2.71	+1.22	83	37	61.0	-5	--	--
Campbellsville	0.84	24.23	6.47	-4.54	+2.19	80	40	61.8	-2	93	51
Covington	0.46	23.65	6.14	+1.22	+3.46	77	39	59.6	-3	--	--
Cumberland Gap	0.29	21.51	2.64	-4.43	-0.24	76	41	60.2	-3	94	51
Dix Dam	1.10	25.46	6.28	+0.47	+3.12	77	40	60.2	-3	--	--
Evansville	0.11	33.71	7.00	+11.24	+4.23	83	43	61.7	-4	--	--
Glasgow	1.08	29.12	7.09	+1.58	+3.49	81	40	62.9	-1	98	57
Grayson	0.65	29.49	4.94	+6.30	+2.37	76	46	59.4	-4	94	50
Hardinsburg	0.97	32.36	7.07	+7.09	+3.69	81	43	60.3	-4	95	57
Henderson	1.06	29.22	7.52	+5.81	+4.32	82	40	61.1	-5	93	50
Huntington	1.13	30.42	6.50	+7.09	+3.88	76	45	59.5	-3	--	--
Jackson	1.30	25.14	5.83	-0.13	+2.57	74	44	58.5	-4	--	--
Lexington	1.47	29.80	10.25	+5.58	+7.29	76	41	59.9	-3	--	--
London	1.22	27.06	7.20	+3.62	+3.98	76	41	59.0	-4	--	--
Louisville	1.53	36.58	9.54	+12.97	+6.61	80	43	61.4	-3	--	--
Mayfield	0.29	36.78	17.20	+10.94	+13.51	78	41	60.6	-5	94	51
Nashville	0.15	23.42	3.99	-0.32	+0.84	84	46	66.0	+2	--	--
Nolin Lake	0.95	29.80	7.96	+2.75	+4.06	81	42	61.9	-2	--	--
Paducah	0.28	37.03	11.52	+11.71	+8.10	83	41	63.1	-3	89	48
Princeton	0.32	28.05	8.85	+2.71	+5.75	83	40	62.8	-3	95	48
Quicksand	1.30	22.71	5.91	-2.56	+2.65	76	41	60.2	-3	94	50
Somerset	1.41	27.30	7.04	+0.72	+3.33	80	41	61.3	-2	93	50
Spindletop	1.59	25.98	9.28	+1.76	+6.32	76	42	59.6	-3	96	53
Williamstown	2.04	30.73	8.61	+6.85	+5.64	77	40	59.8	-3	93	50

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

**Crop Moisture**  
**SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE**  
**SEP 23, 2006**



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.